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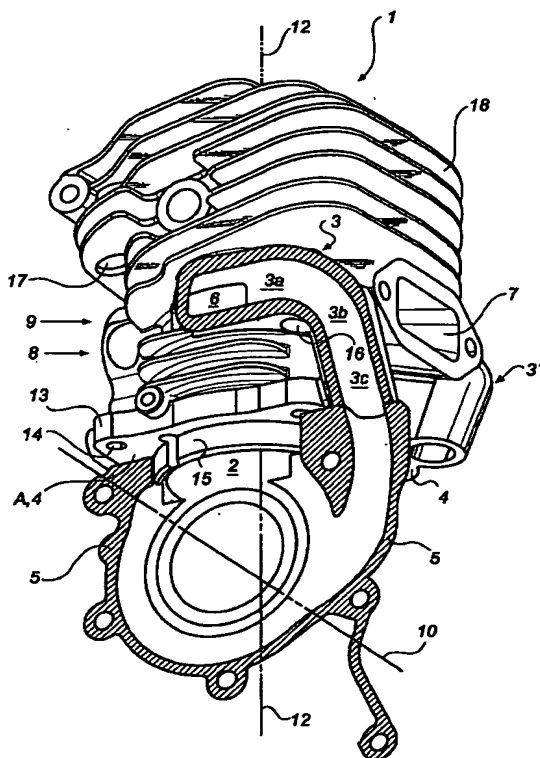
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(54) Title: A CYLINDER FOR A CRANKCASE SCAVENGED INTERNAL COMBUSTION ENGINE



(57) Abstract: A cylinder (1) for a crankcase scavenged two-stroke engine, comprising a cylinder bore (2) with centre line (12) and on opposite sides of the cylinder located closed transfer ducts (3, 3'), which cylinder (1) has an underside (4) essentially perpendicular towards the cylinder bore (2), intended to be connected to a crankcase (5) in a parting plane (A), and besides an inlet (8) for air/fuel mixture, the cylinder is provided with at least one inlet (9, 9') for additional air to the combustion chamber, which inlet for additional air runs through a cylinder wall (11) and via a recess in the piston and a transfer port (6, 6') leads down into the transfer ducts (3, 3'). Especially the transfer ducts (3, 3') each have an upper section (3a, 3a') leading from the transfer port (6, 6') and in a tangential direction in relation to the cylinder bore (2) and is followed by an essentially right angled bend (3b, 3b') leading into a lower section (3c, 3c') leading into the parting plane (A), and at least the right-angled bend of each transfer duct is located on opposite sides of an exhaust duct (7) and during at least a part of the right-angled bend (3b, 3b') the transfer ducts approach each other.

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